

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-008860

(43)Date of publication of application : 11.01.2002

(51)Int.Cl.

H05B 33/14  
C09K 11/06  
H05B 33/22

(21)Application number : 2000-135306

(22)Date of filing : 09.05.2000

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(30)Priority

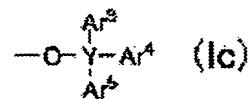
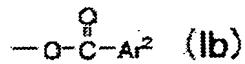
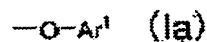
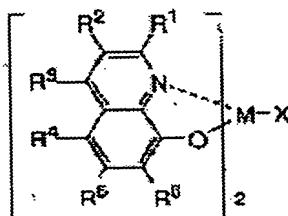
Priority number : 2000116124 Priority date : 18.04.2000 Priority country : JP

## (54) ORGANIC ELECTROLUMINESCENCT ELEMENT

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To improve a luminescence efficiency of an organic electroluminescent element utilizing phosphorescence luminescence and to secure a driving stability of the same.

**SOLUTION:** In an organic electroluminescent element having an anode, a luminous layer, and cathode laminated on a substrate in order, the luminous layer contains a compound having N-phenylcarbazole skeleton as a principal component and an organic metal complex including at least one kind of metal selected from group 7 or 11 of the periodic table as a sub component and a blocking layer containing a compound expressed in the following general formula (I) is included between the luminous layer and the cathode. (R1, R2, R3, R4, R5 and R6 are each hydrogen atom or optional substituent and M represents a metal atom selected from aluminum, gallium and indium. X is expressed as one of formulae (1a), (1b), (1c) shown below). (Ar1, Ar2, Ar3, Ar4 and Ar5 are each an aromatic hydrocarbon group containing a substituent or an aromatic heterocyclic group containing a substituent, and Y represents silicon or germanium).



## LEGAL STATUS

[Date of request for examination] 22.09.2003

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]